

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run On: August 4, 2003, 13:46:02 ; Search time 18 Seconds  
 (without alignments)  
 578,248 Million cell updates/sec

Title: US-09-931-836-2  
 Perfect score: 1367  
 Sequence: 1 MLWRQLIYMWLLALFFLPFC.....LHGDHQRSTFAGFLLETK 246

Scoring table: BLOSUM62  
 Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0  
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
 Maximum Match 100%  
 Listing first 45 summaries

Database : Issued Patents\_AA:\*  
 1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep:\*  
 2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep:\*  
 3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep:\*  
 4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep:\*  
 5: /cgn2\_6/ptodata/1/1aa/PTCUS\_COMB.pep:\*  
 6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1367	100.0	246	4	US-09-552-225A-2
2	1311	95.9	246	4	US-09-552-225A-12
3	582	42.6	105	3	US-09-188-930-147
4	582	42.6	105	3	US-09-188-930-280
5	582	42.6	105	4	US-09-312-283C-147
6	582	42.6	105	4	US-09-312-283C-280
7	319	23.3	285	4	US-09-312-283C-382
8	316	23.1	294	3	US-09-188-930-294
9	296.5	21.7	260	4	US-09-312-283C-294
10	296.5	21.7	260	4	US-09-489-847-198
11	294	21.5	247	2	US-09-489-847-349
12	294	21.5	247	2	US-08-463-911-2
13	294	21.5	247	4	US-09-776-976-4
14	293.5	21.5	244	4	US-09-909-547-4
15	293.5	21.5	244	4	US-09-530-423-2
16	293.5	21.5	244	2	US-08-463-911-7
17	293.5	21.5	244	3	US-09-140-804-3
18	293.5	21.5	244	4	US-09-336-536-20
19	293.5	21.5	244	4	US-09-530-423-1
20	293.5	21.5	244	4	US-09-686-838B-3
21	293.5	21.5	244	4	US-09-911-176B-48
22	293.5	21.5	244	4	US-09-552-225A-3
23	293.5	21.5	244	4	US-09-619-740-51
24	293.5	21.5	244	4	US-09-776-976-6
25	293.5	21.5	244	4	US-09-909-547-6
26	293.5	21.5	244	4	US-09-569-852B-6
27	293	21.4	247	4	US-09-776-976-2

28	293	21.4	247	4	US-09-909-547-2	Sequence 2, Appl
29	290.5	21.3	259	4	US-09-996-243-47	Sequence 47, Appl
30	287	21.0	247	3	US-09-140-804-8	Sequence 8, Appl
31	287	21.0	247	3	US-09-118-408-3	Sequence 3, Appl
32	287	21.0	247	3	US-09-506-855-3	Sequence 3, Appl
33	287	21.0	247	4	US-09-686-838B-8	Sequence 8, Appl
34	287	21.0	247	4	US-09-911-176B-3	Sequence 3, Appl
35	287	21.0	247	4	US-09-619-740-3	Sequence 3, Appl
36	287	21.0	247	4	US-09-506-852-3	Sequence 3, Appl
37	274	20.0	246	2	US-08-463-911-4	Sequence 4, Appl
38	273	20.0	746	4	US-09-370-838-185	Sequence 185, App
39	264.5	19.3	228	4	US-09-336-536-4	Sequence 4, Appl
40	264.5	19.3	243	3	US-09-140-804-2	Sequence 2, Appl
41	264.5	19.3	243	3	US-09-336-536-3	Sequence 3, Appl
42	264.5	19.3	243	4	US-09-686-838B-2	Sequence 2, Appl
43	255	18.7	245	4	US-09-552-225A-4	Sequence 4, Appl
44	254.5	18.6	243	4	US-09-336-536-10	Sequence 10, Appl
45	252.5	18.5	228	4	US-09-336-536-11	Sequence 11, Appl

ALIGNMENTS

RESULT 1  
 US-09-552-225A-2  
 ; Sequence 2, Application US/09552225A  
 ; Patent No. 6521233  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Piddington, Christopher S.  
 ; APPLICANT: Bishop, Paul  
 ; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3  
 ; FILE REFERENCE: 99-09  
 ; CURRENT APPLICATION NUMBER: US/09/552,225A  
 ; PRIOR FILING DATE: 2000-04-19  
 ; PRIOR APPLICATION NUMBER: 60/130,199  
 ; PRIOR FILING DATE: 1999-04-20  
 ; NUMBER OF SEQ ID NOS: 20  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 2  
 ; LENGTH: 246  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-552-225A-2

Query Match	100.0%;	Score 1367;	DB 4;	Length 246;
Best Local Similarity	100.0%;	Pred. No. 6.6e-130;		
Matches 246;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MLWRQLIYWOLLALFFLPFC	LCODEYMESPOTGGGLPPDCSKCHGDSYSPRGYQGPPGPG 60	
Db	1	MLWRQLIYWOLLALFFLPFC	LCODEYMESPOTGGGLPPDCSKCHGDSYSPRGYQGPPGPG 60	
QY	61	PPGIPGNHNGNNGATGHEGAKGKGDGLCPGRGQHCPKGEKGYGPIPPQLQIAF 120		
Db	61	PPGIPGNHNGNNGATGHEGAKGKGDGLCPGRGQHCPKGEKGYGPIPPQLQIAF 120		
QY	121	MASLATHFSNQSGIIFSSVETNIGNFFDVTMTGRGAPVSGVYFFTFSSMKKHEDVEEYV 180		
Db	121	MASLATHFSNQSGIIFSSVETNIGNFFDVTMTGRGAPVSGVYFFTFSSMKKHEDVEEYV 180		
QY	181	YLMHNGTTFVSMYSYEMKCKSDTSSNHAVLKLAKGDEWLRMGALHGDHQRSTFAGF 240		
Db	181	YLMHNGTTFVSMYSYEMKCKSDTSSNHAVLKLAKGDEWLRMGALHGDHQRSTFAGF 240		
QY	241	LLFETK 246		
Db	241	LLFETK 246		

RESULT 2  
 US-09-552-225A-12  
 ; Sequence 12, Application US/09552225A  
 ; Patent No. 6521233